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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/534,915 | 03/23/2000 | Mark B. Whipple | 020431.0563 | 9969 |

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EXAMINER

MIRZA, ADNAN M

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2141

DATE MAILED: 01/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/534,915

Applicant(s)

WHIPPLE, MARK B.

Examiner

Adnan M Mirza

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Biliris et al (U.S. 2002/0059380) and further in view of Chow et al (U.S. 6,226,693).

As per claim 1 Biliris disclosed a system for managing event publication and subscription of event producer-consumers, the system comprising: a logical event manager; and a physical event manager in communication with the logical event manager and a first and a second event producer-consumer (Page. 1, col. 0011 & 0012),

However Biliris failed to disclose wherein the physical event manager comprises: a first mapper operable to translate between the logical event manager and the first event producer consumer; and a second mapper operable to translate between the logical event manager and the second event producer consumer.

In the same field of endeavor Chow disclosed the process begins by accepting a platform specific event and then translates the event to logical event. The translation of the platform event to a logical event is made using the mapping table (col. 8, lines 16-31).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to have incorporated the physical event manager comprises: a first mapper operable to translate between the logical event manager and the first event producer consumer; and a second

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mapper operable to translate between the logical event manager and the second event producer consumer as taught by Chow in the system of Biliris to increase the functionality of the system by making it more versatile and introducing event manager to handle different environments.

3. As per claim 2 Biliris disclosed the system of Claim 1 further comprising a listener-sender having the first mapper and in communication with the logical event manager and the first and the second event producer-consumer (Page. 3, col. 0046 & 0047).

4. As per claim 3 Chow disclosed wherein the first mapper is Operable to translate a signal occurring at the first producer-consumer to a logical event for the logical event manager (col. 8, lines 16-31).

5. As per claim 4 Chow disclosed wherein the first mapper is operable to translate a logical event occurring at the logical event manager to a signal for the first producer consumer (col. 8, lines 16-31).

6. As per claim 5 Chow disclosed wherein the first event consumer-producer is operable to subscribe to a logical event managed by the logical event manager (col. 8, lines 1-5).

7. As per claim 6 Chow disclosed wherein the logical event manager is operable to publish a signal to the first event consumer-producer (col. 8, lines 34-39).

8. As per claim 7,16 Chow disclosed wherein the first event consumer-producer is operable to communicate a signal to the logical event manager (col. 9, lines 8-19).

9. As per claim 8,17,21 Biliris disclosed wherein the physical event manager is operable to monitor the first producer-consumer for a signal (Page. 3, col. 0048).

10. As per claim 9 has the same limitations as to claim 1 therefore under the same limitations claim 9 can be rejected.

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11. As per claim 10,14,20 Biliris disclosed further comprising communicating a subscription for a logical event from the first event consumer to the physical event manager (Page. 4, col. 0050).

12. As per claim 11,15 Biliris disclosed further comprising: communicating a first subscription for a logical event from the first event consumer to the physical event manager; and translating the first subscription into a first logical subscription using the first mapper (Page. 3, col. 0046).

13. As per claims 12,13 have the same limitations as to claim 1 therefore under the same limitations claims 12 and 13 can be rejected.

14. As per claims 18,19,22 have the same limitations as to claim 1 therefore under the same limitations claim 18,19,22 can be rejected.

Conclusion

9. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (703)-305-4633.

10. The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703)-308-5221. The fax for this group is (703)-746-7239.

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11. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703)-746-7239 (For Status Inquiries, Informal or Draft Communications, please label "PROPOSED" or "DRAFT");

(703)-746-7239 (For Official Communications Intended for entry, please mark "EXPEDITED PROCEDURE"),

(703)-746-7238 (For After Final Communications).

12. Any Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-305-3900.

Any response to a final action should be mailed to:

BOX AF

Commissioner of Patents and Trademarks Washington, D.C.20231

Or faxed to:

Hand-delivered responses should be brought to 4th Floor Receptionist, Crystal Park II,
2021 Crystal Drive, Arlington, VA 22202.

AM

Adnan Mirza

Examiner



LE HIEN LUU
PRIMARY EXAMINER